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TOWN AND PORT OF DOVER



ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year 1962

C. F. LYNCH, M.B., B.CH., B.A.O., D.P.H.,

Medical Officer of Health



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HEALTH COMMITTEE

(to 1st June, 1962)

HIS WORSHIP THE MAYOR
(COUNCILLOR R. S. EADE, J.P.)

Chairman :

COUNCILLOR G. M. B. TOLAND

Members :

ALDERMAN	E. A. BUSHELL
ALDERMAN	F. W. S. MARSH
COUNCILLOR	G. M. ASLETT
COUNCILLOR	A. F. BRAZIER
COUNCILLOR	J. T. CORRY
COUNCILLOR	A. F. FRANCIS
COUNCILLOR	S. L. GAMBLES
COUNCILLOR	F. A. HOLMES, J.P.
COUNCILLOR	R. HORSFIELD
COUNCILLOR	E. A. PITTOCK
COUNCILLOR	A. K. WHEELER

(from 1st June, 1962)

HIS WORSHIP THE MAYOR
(ALDERMAN A. E. HUSK, J.P.)

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COUNCILLOR G. M. B. TOLAND

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ALDERMAN	E. A. BUSHELL
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COUNCILLOR	A. F. FRANCIS
COUNCILLOR	S. L. GAMBLES
COUNCILLOR	M. GRINSTED
COUNCILLOR	R. HORSFIELD
COUNCILLOR	N. A. LINE
COUNCILLOR	E. A. PITTOCK

OFFICERS AND STAFF

Clerk to the Authority
JAMES A. JOHNSON

Medical :

C. F. LYNCH, M.B., B.Ch., B.A.O., D.P.H., Medical Officer of Health, Borough and Port : Medical Inspector of Aliens.

F. O. J. SHAW, M.R.C.S., L.R.C.P., Deputy Medical Officer of Health, Borough and Port : Medical Inspector of Aliens.
(Resigned with effect from 31st May, 1962)

J. A. BYRNE, M.B., B.Ch., B.A.O., D.P.H., D.T.M. & H., Deputy Medical Officer of Health, Borough and Port : Medical Inspector of Aliens.
(With effect from 9th July, 1962)

Port and Aliens Nurse :

MRS. V. M. CRAFT, S.R.N.

Senior Public Health Inspector—Borough and Port :

B. C. MIDDLEBROOK, Cert. S.I.J.B., Cert. Meat and Food Inspection.

District Public Health Inspectors—Borough and Port :

P. A. SLATER, Cert. S.I.J.B., Cert. Meat and Food Inspection.

V. E. CARR, Cert. S.I.J.B.

R. H. CUFF, Cert. P.H.I.E.B., Cert. Meat and Food Inspection.

Public Analyst :

J. H. MARSHALL, M.A., F.R.I.C. (Part Time).

Clerical Staff :

E. J. ROGERS.

S. W. M. PADFIELD.

MISS M. DATLEN.

Rodent Operator :

G. N. SMITH.

Driver / Disinfecter :

T. G. ELLIS.

HEALTH DEPARTMENT,
BROOK HOUSE,
DOVER.

To the Mayor, Aldermen and Councillors of the Borough of Dover :

Ladies and Gentlemen,

I have the honour to present my Annual Report on the Health and Sanitary Conditions of the Borough for the year 1962.

The vital statistics for the year again show a generally satisfactory state of community health.

The Registrar-General's estimated mid-year population was 35,650 compared with the census figure of 35,554 for 1961. The Birth Rate was 17.4 per 1,000 of the population and the Death Rate 12.0. The rates for England and Wales were 18.0 and 11.9 respectively.

A particularly satisfactory feature was the continued decline in the Infant Mortality and Still Birth Rates. There were nine infant deaths during the year giving a rate of 14 per 1,000 live births—the lowest yet recorded for the Borough. The rate for England and Wales was 21.4.

The Still Birth Rate though somewhat higher than the national rate was further reduced to 22.0 per 1,000 total births compared with 18.7 for England and Wales. There were no maternal deaths during the year.

Infectious disease gave rise to no special problems, the only unusual feature being the continued high incidence of measles which has shown but little sign of remission in recent years.

The absence of poliomyelitis on the other hand, while giving no grounds for complacency, is nonetheless reassuring and it is to be hoped that full advantage will continue to be taken of the protection afforded by the oral vaccine now widely available under the County Scheme.

Continued attention was given to problems of housing and general sanitation. Two further areas in George Street (Areas Nos. 2 and 3) comprising nine houses were declared Clearance Areas and a Compulsory Purchase Order in respect of these and Area No. 1, which was declared in 1961, was made during the year.

Unfortunately owing to a shortage of new housing accommodation too many families have to remain for long periods in houses which are unfit and the subject of operative orders or are otherwise unsuited to their needs.

Forty three dwellings were constructed by the Local Authority during the year but no new building was in progress at the end of the year.

I have to thank the Chairman, Councillor G. Toland, M.D., F.R.C.S., and members of the Health Committee for their interest and support and other Departments of the Corporation for their co-operation during the year.

I am also indebted to the Health Department staff for their valued help in facilitating the work generally throughout the year.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

C. F. LYNCH.

Medical Officer of Health.

24th June, 1963.

SECTION A—VITAL STATISTICS AND SOCIAL CONDITIONS

AREA	...	...	...	...	...	...	3,979.35 acres
ESTIMATED PRODUCT OF PENNY RATE	...	...	...	...	...	...	£2,070
POPULATION—1962 (Estimated Mid-Year)	...	...	...	...	...	...	35,650
CENSUS—1961	...	...	...	...	...	...	35,554

UNEMPLOYMENT

I am greatly indebted to the Manager of the Ministry of Labour Employment Exchange for the following resumé on employment in the Dover area during 1962 ; the views expressed are those of the Manager and not necessarily of his Department.

“ The Dover Employment Exchange area includes the Borough of Dover and the Rural District, and the Parishes of Aylesham and Nonington. On the 10th December, 1962 (which is the nearest statistical date to the end of the year) the numbers registered as unemployed were :

<i>Men</i>	<i>Women</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
472	105	67	29	673

The figure of 472 men includes 31 dock workers employed on a day-to-day basis, and also 21 others who were not claiming any payment. The women's figure of 105 includes 29 women registered for full-time employment who were not claiming benefit.

It should be made clear that December figures do not demonstrate the true position ; here in Dover large numbers of unemployed are engaged for a short period during December on temporary work at the Post Office dealing with Christmas mails for both the local and the continental services. This year there were 100 men and 54 women from the unemployment register employed on this work, and many of these would have already been in employment at the statistical date in December. The January figures show 717 men and 145 women unemployed (14.1.63) of whom 553 men and 140 women were wholly unemployed ; these last two figures are really a truer picture of the real position in December.

Reviewing the present position, the weather has resulted in considerable unemployment mainly amongst building trade workers and the remaining numbers unemployed constitute about 4.9 per cent of the working population. Looking ahead I think there is good reason for saying that by the end of the year the problem of unemployment for women will have been resolved by the development of new industry already in the area. What is now required is some industry to provide steady employment for up to 200 men ; it is to be hoped that the vacant premises of the former Kenex Coachworks will attract the right industry to meet this requirement.”

BIRTHS AND DEATHS

Area Comparability Factors :

Births	...	1.00
Deaths	...	0.99

Of the male deaths during 1962, 26.52% were of persons in the age group 65-74 years and 40.87% in the age group 75 years and over (27.54% and 36.44% respectively in 1961) ; the corresponding figures for the female deaths were 18.63% and 56.86% (27.00% and 52% in 1961).

REGISTERED LIVE BIRTHS—1962 :

			Male	Female	Total
Legitimate	...	...	310	280	590
Illegitimate	...	...	14	18	32
			324	298	622
			1961 ...	...	...
			1960 ...	...	...
					624
					568

LIVE BIRTH RATE (per 1,000 of Population) :

			1960	1961	1962
Crude and Adjusted	...		16.27	17.73	17.45
STILLBIRTHS 1962			Male	Female	Total
Legitimate	...	...	4	7	11
Illegitimate	...	...	2	1	3
			6	8	14
			1961 ...	...	...
			1960 ...	...	...
					15
					16

STILLBIRTH RATE (per 1,000 live and stillbirths) :

	1960	1961	1962
	27.40	23.47	22.01

REGISTERED DEATHS :

			1960	1961	1962
Males	...	...	226	236	230
Females	...	...	214	200	204
Total	...	...	440	436	434

DEATH RATE (per 1,000 estimated population) :

	1960	1961	1962
Crude	12.60	12.39	12.17
Adjusted for comparative purposes ...	12.60	12.27	12.05

DEATH RATE OF INFANTS UNDER 1 YEAR OF AGE :

	1960	1961	1962
All infants per 1,000 live births	23	18	14

SPECIALLY RECORDED DEATHS :

	1960	1961	1962
Death from Cancer (all ages)	83	75	71

DEATHS FROM CANCER 1950-1962

(Rates per 1,000 population)

Year	Population	Lungs and Bronchus				Other Sites				All Sites	
		M.	F.	Total	Rate	M.	F.	Total	Rate	Total	Rate
1950	34,240	7	2	9	0.26	34	31	65	1.90	74	2.16
1951	35,150	6	1	7	0.20	34	30	64	1.82	71	2.02
1952	33,750	12	1	13	0.38	25	30	55	1.63	68	2.01
1953	34,780	9	2	11	0.32	25	30	55	1.60	66	1.92
1954	34,440	15	2	17	0.49	27	23	50	1.48	67	1.97
1955	34,490	12	1	13	0.38	24	34	58	1.68	71	2.06
1956	35,370	21	2	23	0.65	25	32	57	1.62	80	2.27
1957	35,130	20	1	21	0.60	20	37	57	1.62	78	2.22
1958	35,140	15	2	17	0.49	27	42	69	1.963	86	2.45
1959	34,680	10	1	11	0.32	28	38	66	1.903	77	2.22
1960	34,920	19	5	24	0.69	22	37	59	1.69	83	2.38
1961	35,200	16	—	16	0.455	27	32	59	1.677	75	2.132
1962	35,650	16	2	18	0.505	24	29	53	1.487	71	1.992

TABLE 1

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY FROM TUBERCULOSIS, CANCER AND MATERNAL CAUSES, AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1962 COMPARED WITH FIGURES (PROVISIONALLY BASED ON QUARTERLY RETURNS) FOR ENGLAND AND WALES

	DOVER		ENGLAND & WALES	
	Rates per 1,000 Population			
BIRTHS :				
Live Births	17.45		18.0	
Still Births	0.393		0.335	
	22.01(a)		18.1(a)	
DEATHS :				
All Causes	12.05		11.9	
Tuberculosis (i) Respiratory ...	0.056		0.059	
(ii) Other	—		0.007	
Cancer (i) Lungs and Bronchus	0.505		0.510	
(ii) Other	1.487		1.667	
	Rates per 1,000 Live Births			
All causes under 1 year of age ...	14		21.4	
	Notification Rates per 1,000 Home Population			
NOTIFICATIONS (Corrected) :				
Scarlet Fever	0.14		0.33	
Diphtheria	—		0.00	
Typhoid Fever	—		0.003	
Paratyphoid Fever	—		0.003	
Acute Pneumonia	0.45		0.27	
Dysentery	0.17		0.66	
Poliomyelitis (i) Paralytic ...	—		0.0045	
(ii) Non-Paralytic	—		0.001	
Food Poisoning	—		0.11	
Tuberculosis (i) Respiratory ...	0.645		0.39	
(ii) Meninges and C.N.S. ...	—		0.0035	
(iii) Other	0.112		0.05	
Meningococcal Infection ...	0.03		0.01	
Whooping Cough	0.45		0.18	
Measles	12.51		3.96	
Erysipelas	0.20		0.04	
Smallpox	—		0.001	
	Rates per 1,000 Total Related (Live and Still) Births			
Puerperal Pyrexia	3.14		8.70	
MATERNAL MORTALITY ...	—		0.35	

(a) Rates per 1,000 total live and still births.

(b) A “—” signifies no cases.

TABLE 2
CAUSES OF DEATH, BY AGE GROUPS, IN THE BOROUGH OF DOVER DURING 1962
(Statistics from available local information)

Cause of Death	Under 1		1 Year		2—4		5—14		15—24		25—44		45—64		65—74		75 & Over		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Tuberculosis, Respiratory	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	1
2. Tuberculosis, Other ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Syphilitic Disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1
4. Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Whooping Cough ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Meningococcal Infection ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Acute Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Measles ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Other Infective and Parasitic Diseases ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
10. Malignant Neoplasm, stomach ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1	3	—	1	3	5	4
11. Malignant Neoplasm, Lung and Bronchus ...	—	—	—	—	—	—	—	—	—	—	1	8	—	6	1	2	—	16	2	7
12. Malignant Neoplasm, Breast	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	3	—	—	—	4
13. Malignant Neoplasm, Uterus	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—	—
14. Other Malignant and Lymphatic Neoplasms ...	—	1	—	—	—	—	—	—	—	—	2	—	6	5	7	4	4	4	19	14
15. Leukaemia and Aleukaemia	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1	1	1	—	4	1
16. Diabetes ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	2	—
17. Vascular Lesions of Nervous System ...	—	—	—	—	—	—	—	—	—	—	—	—	7	5	2	7	13	24	22	36
18. Coronary Disease, Angina	—	—	—	—	—	—	—	—	—	—	1	—	15	4	21	7	15	21	52	32
19. Hypertension with Heart Disease ...	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	3	2	4	6	7
20. Other Heart Disease ...	—	—	—	—	—	—	—	—	—	—	1	—	3	5	2	3	27	29	32	38
21. Other Circulatory Disease	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	2	4	5	5	9
22. Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—
23. Pneumonia ...	—	—	—	—	—	—	—	—	—	—	1	—	—	1	4	—	3	6	8	7
24. Bronchitis ...	—	1	—	—	—	—	—	—	—	—	—	—	6	1	5	1	4	3	15	6
25. Other Diseases of the Respiratory System ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	2	—	1	3	4	3
26. Ulcer of Stomach and Duodenum ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	3	3	4	3
27. Gastritis, Enteritis and Diarrhoea ...	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	2	1	4
28. Nephritis and Nephrosis ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	1
29. Hyperplasia of Prostate ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	2	—	3	—
30. Pregnancy, Childbirth, Abortion ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31. Congenital Malformations	—	1	—	—	—	1	—	1	—	—	1	—	—	—	—	—	—	1	1	4
32. Other defined and ill-defined diseases ...	4	—	—	—	1	—	—	—	—	—	1	2	4	3	2	3	7	5	19	13
33. Motor Vehicle Accidents ...	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	2	—
34. All other Accidents ...	—	—	1	—	—	—	—	1	—	1	—	—	1	—	1	—	2	2	5	4
35. Suicide ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	1	1	2
36. Homicide and Operations of War ...	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—
TOTAL ...	4	5	1	—	1	1	—	2	1	1	8	4	60	37	61	38	94	116	230	204

TABLE 3
MORTALITY IN RELATION TO SEASON

Month	Total Number of Deaths	Death Rate per 1,000 Population (Annual Equivalent)	Deaths Under 1 Year	Infantile Mortality Per 1,000 Live Births
January	65	21.88	1	19.29
February	29	9.76	2	38.58
March	49	16.49	1	19.29
April	44	14.81	—	—
May	38	12.79	—	—
June	30	10.10	—	—
July	23	7.74	2	38.58
August	33	11.11	1	19.29
September	32	10.77	—	—
October	43	14.47	1	19.29
November	16	5.39	—	—
December	32	10.77	1	19.29

TABLE 4
WARD DISTRIBUTION OF DEATHS

Age Groups	Wards														Total	
	Barton		Castle		Houg- ham		River		St. Bart's		Town and Pier		Other Deaths Allo- cated			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
Under 1 year	—	1	—	1	2	1	—	1	1	—	1	1	—	—	4	5
1— 4 years	1	—	—	—	—	—	1	—	—	—	—	1	—	—	2	1
5—14 years	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	2
15—24 years	—	—	—	—	—	—	—	1	1	—	—	—	—	—	1	1
25—44 years	—	—	2	—	3	—	1	2	2	2	—	—	—	—	8	4
45—64 years	6	8	12	5	11	6	11	12	11	6	8	—	1	—	60	37
65—74 years	9	6	13	10	11	5	16	12	8	4	4	1	—	—	61	38
75 & over	15	14	12	23	16	26	33	25	12	16	6	12	—	—	94	116
Totals	31	29	39	40	43	39	62	53	35	28	19	15	1	—	230	204

SECTION B—GENERAL PROVISION OF HEALTH SERVICES

NOTE : The figures quoted in relation to the services administered by the Kent County Council are included by courtesy of the County Medical Officer.

1. LABORATORY FACILITIES :

The laboratory facilities for chemical and bacteriological examination of foods, the biochemical testing of heat-treated milks and the examination of pathological specimens were amply provided for by the Public Analyst's laboratory at Canterbury, the Public Health Laboratory, Preston Hall, Maidstone, and at the Hospital Laboratory, Buckland Hospital, Dover.

2. AMBULANCE SERVICE : (Kent County Council)

The following are the details of the service provided by the Dover Ambulance Station during 1962 :

Total number of patients	...	...	16,773	(16,561)
Number of journeys	...	...	4,962	(5,150)
Mileage	...	...	83,720	(91,632)

The bracketed figures are those for 1961.

3. MORTUARY SERVICE :

During 1962, 18 bodies were received into the mortuary.

4. MIDWIFERY AND HOME NURSING SERVICES : (Kent County Council)

(a) County Midwifery Service :

No. of Midwives	...	...	...	...	7
No. of births attended	...	...	...	...	291

(b) County Home Nursing Services :

No. of Home Nurses	...	...	...	...	6
No. of patients attended	...	...	...	...	422
No. of attendances (including casual visits)	...	...	...	...	13,486

5. PUBLIC BATHS :

Slipper baths, with facilities comprising three baths and two showers, are available in Maison Dieu Gardens for public use.

6. HOSPITAL FACILITIES :

These are provided at (a) The Royal Victoria Hospital for surgical cases (b) the Buckland Hospital for general medical and maternity cases, and (c) the Infectious Diseases Hospital for infectious cases except smallpox for which accommodation is provided at the River Hospital (Long Reach), Dartford, Kent. All are under

the administration of the South East Metropolitan Regional Hospital Board.

7. NURSING HOME REGISTRATION—PUBLIC HEALTH ACT, 1936 :

There were no nursing homes registered in the town.

8. CLINICS AND WELFARE CENTRES :

The specialist and consultant services provided by the Kent County Council, as the Local Health and Education Authority, and by the Regional Hospital Board at the Dover Group of Hospitals, continue to operate as in the previous year with the following addition :—

Regional Hospital Board :

Speciality : *Hospital :*

Day and Time :

Geriatrics Buckland Hospital Alternate Tuesdays, 2 p.m.

9. NATIONAL ASSISTANCE ACTS, 1948-51 :

Of the four elderly females, in respect of whom Orders were obtained detaining them for institutional care and attention, two died during the year ; the Orders in respect of the remaining two were renewed as necessary.

Statutory action for compulsory removal was necessary in respect of two other aged females during the year :—

Case (I) : Suffering from congestive heart failure, this 78 year old lady was living alone in very insanitary conditions and was receiving no proper care and attention. Her nearest immediate relation, a son, was living over 200 miles away and in no position to give practical assistance.

Hospital care was clearly indicated in this instance and the patient was removed under an Emergency Order in accordance with the provisions of the Amendment Act of 1951. No application for extension of the Order was necessary as it was arranged that the old lady would go to live with her son when fit enough to travel ; she has unfortunately since died.

Case (II) : This 82 year old lady had been under the surveillance of the Department for some considerable time during which period there was a steady and progressive deterioration in her condition and her home generally. Since she consistently refused all offers of help and was in need of hospital treatment for an ulcerated skin condition, she was removed under an Emergency Order, which was subsequently renewed as necessary.

10. MEDICAL EXAMINATIONS FOR SUPERANNUATION :

Medical Examinations for Superannuation purposes are carried out by the Medical Officer of Health.

During the year the examinations were as follows :

<i>Department</i>	<i>Males</i>	<i>Females</i>
Town Clerk	1	1
Borough Engineer	24	—
Borough Treasurer	2	3
Health	2	—
Libraries	—	2
Entertainments Manager	1	1
Weights and Measures	1	—
Other Authorities	2	—
	33	7

In addition forty-three workmen and one woman were medically examined on starting work in non-superannuable employment.

SECTION C—SANITARY CIRCUMSTANCES OF THE AREA

Area of Borough 3,979.35 acres ; Estimated mid-year population 35,650 ; Density per acre 8.96.

At the 1961 Census the population was 35,554 comprising 17,310 males and 18,244 females.

Number of properties on Valuation Roll (figures supplied by Borough Treasurer) at 31st December, 1962 :

Dwelling Houses	...	...	...	...	10,910
Agricultural	...	...	...	...	15
Local Authority	...	...	...	...	70
All other (including Business and Industrial)	...	...	...	...	1,981
					12,976

WATER SUPPLY :

The Mid-Kent and Dover Corporation undertakings continued to provide an adequate water supply of high bacteriological and chemical quality. Constant watch on the purity of the supply was maintained during the year, sampling being carried out regularly by the Health Department and by the Water Undertakings.

In all, the following samples were reported upon during the year :

Per Health Department :

	<i>Bacteriological :</i>	<i>Chemical :</i>
Corporation supply	12	—
Mid-Kent supply	12	—
(From the piped supplies as delivered to the public)		

Per Corporation Undertaking :

Treated water	...	...	7	4
(from Pumping Station after Chlorination)				

Per Mid-Kent Undertaking :

Treated water	...	...	18	2
Raw water	...	...	3	2

The following are copy reports on the chemical examination of the water : (Figures expressed in parts per million)

	<i>Dover Corporation ex Water Works</i>	<i>Mid-Kent Company ex Barham</i>	<i>ex Martin</i>
	21. 3. 62.	7. 1. 62.	7. 1. 62.
Appearance ...	Clear : bright	Clear : bright	Clear : bright
Odour ...	None	None	None
Free and saline ammonia ...	Nil	Nil	Nil
Albuminoid Ammonia ...	Nil	Nil	Nil
Nitrogen as Nitrites ...	Nil	Nil	Nil
Nitrogen as Nitrates ...	6.5	4.0	8.5
Chlorine as Chlorides ...	26	18	32
Temporary Hardness ...	228	232	236
Permanent Hardness ...	40	24	36
Total Hardness	268	256	272
Oxygen absorbed in 4 hrs. at 80 deg. F. ...	0.04	0.04	0.00
Total solids ...	354	361	366
pH Value ...	7.1	7.2	7.2

The waters were reported to be pure and wholesome and suitable for the public supply.

Both undertakings report the laying of water mains extensions to serve new housing sites and other development.

Survey has revealed that at the end of the year only two premises in the Borough were not connected to a mains supply, both being dependent upon rain water tanks.

DRAINAGE AND SEWERAGE :

I am informed by the Borough Engineer that the following were the principal works carried out during the year to maintain and improve upon the efficiency of the sewerage systems.

1. surface water sewer laid in Buckland Avenue to relieve flooding ;
2. surface water sewer laid in Chapel Place to serve new development ;
3. high pressure jet cleansing to relieve severe silting up of surface water outfall at Elizabeth Street ;
4. foul sewer laid diverting flow from Western Heights to Pumping Station thereby dispensing with military outfall ;

5. foul sewer provided in Barwick Road to serve industrial sites ;
6. high pressure jet cleansing of foul sewers in Cambridge Terrace and East Cliff.

A recent survey has shown that 95 properties are not connected to the main sewers ; 86 have cesspools, 2 have septic tanks and 7 have pail closets.

PUBLIC CLEANSING AND REFUSE DISPOSAL :

The Town's refuse continued to be disposed of by controlled tipping at Old Charlton Rd.; no complaints of nuisance from the site were received. Very minor rat infestation was evident throughout the year, confined mainly to the salvage shed and not to the tip banks ; permanent warfarin baiting points were maintained and were evidently effective in controlling the rat population.

The Borough Engineer reported to the Town Council that further land will be required within the next year or so for refuse disposal purposes and a Sub-Committee was appointed to consider the matter and to formulate proposals.

INSPECTION OF THE DISTRICT :

Report by the Senior Public Health Inspector :

(a) NUMBER AND NATURE OF INSPECTIONS :

Dwelling-houses (Housing and Public Health Act)	2,674
Keeping of Animals	57
Moveable Dwellings	8
Places of Public Entertainment	11
Infectious disease	115
Disinfestation	199
Shops Act	17
Clean Air Act	60
Noise Abatement	52
Food and Drugs :	
Hygiene	578
Sampling	183
Condemnation	332
Milk and Dairies :	
Dairies and Distributors' premises ...	31
Pasteurising and other establishments	15
Factories	122
Prevention of Damage by Pests Act ...	610
Refuse accumulation	44
Other matters	473
	5,581

(A) ANALYSIS OF NOTICES SERVED ETC. DURING 1962

Statute, etc.	Outstanding 1.1.62		Served		Complied with		Cancelled		Outstanding 31.12. 62	
	Statu- tory	Inform- al	Statu- tory	Inform- al	Statu- tory	Inform- al	Statu- tory	Inform- al	Statu- tory	Inform- al
Housing Act, Section 9	2	3	3	5	4	6	1	2	—	—
Repair	4	23	4	32	7	33	—	8	1	14
Drainage	—	1	7	13	7	13	—	1	—	—
Miscellaneous	—	4	—	10	—	12	—	1	—	1
Food Hygiene Regulations	—	2	—	9	—	4	—	1	—	6
Factories Act	—	2	—	3	—	1	—	1	—	3
Shops Act	—	—	—	1	—	—	—	—	—	1
TOTAL	6	35	14	73	18	69	1	14	1	25

ATMOSPHERIC POLLUTION :

(a) RECORDING :

The two deposit gauges and the two lead peroxide instruments were in operation at the beginning of the year but the use of the latter instruments was discontinued at the end of March, the local authority having decided that further recordings would be of only very limited use.

Readings taken in 1962 were as follows :

Site :	Meteorological Station				St. Radigund's Road			
Month	R.	I.D.	S.D.	T.S.D.	R.	I.D.	S.D.	T.S.D.
January	2.56	37.16	36.25	73.41	3.31	19.70	28.63	48.33
February	0.55	7.30	9.47	16.77	0.63	8.47	4.54	13.01
March	2.25	10.75	16.05	26.80	2.56	9.81	13.01	22.82
April	1.50	13.76	14.08	27.84	1.77	11.84	7.61	19.45
May	1.62	27.33	15.72	43.05	1.93	17.69	6.27	23.96
June	0.24	12.61	6.12	18.73	0.16	19.15	3.04	22.19
July	2.56	11.69	9.43	21.12	2.29	17.69	7.74	25.43
August	2.37	11.69	10.38	22.07	2.65	15.11	6.80	21.91
September	1.74	10.01	10.21	20.22	1.94	12.51	7.84	20.35
October	2.96	11.73	17.30	29.03	3.04	11.34	7.54	18.88
November	3.40	7.16	15.20	22.36	4.62	13.64	11.01	24.65
December	1.94	10.68	17.16	27.84	2.21	7.34	9.85	17.19
Total 1962	23.69	171.87	177.37	349.24	27.11	164.29	113.88	278.17
Monthly Average 1962	1.975	14.32	14.78	29.10	2.26	13.69	9.49	23.18
Total 1961	29.04	122.02	184.78	306.80	*12.85	42.35	41.78	84.13
Monthly Average 1961	2.42	10.17	15.40	25.57	4.28	14.12	13.93	28.04

* Three Months only

Yearly readings since installation of Gauges :

Meteorological Station					St. Radigund's Road			
Year	I.D.	S.D.	T.S.D.	P.S.D.	I.D.	S.D.	T.S.D.	P.S.D.
1957	145.83	195.79	341.62	134	No Instrument			
1958	125.21	147.27	272.48	118	„	„		
1959	153.67	205.24	358.91	133	„	„		
1960	123.07	181.72	304.79	148	„	„		
1961	122.02	184.78	306.80	151	*42.35	41.78	84.13	99
1962	171.87	177.37	349.24	103	164.29	113.88	278.17	69

* Three months only

R = Rainfall—inches per month

I.D.	—	Insoluble Deposits	} tons per square mile
S.D.	—	Soluble Deposits	
T.S.D.	—	Total Solids	

P.S.D. — Proportion of soluble to insoluble deposits
(Insoluble deposits = 100)

ATMOSPHERIC POLLUTION : GENERAL OBSERVATIONS

TARMACADAM WORKS :

Early in the year a serious dust nuisance occurred in the Western Docks area mainly due to the delay in delivery of dust suppression equipment for the new plant at these works.

A preliminary notice under the Public Health Act, 1936, to abate the nuisance was served on the firm who took immediate steps to expedite the completion of extensive dust suppression and collection equipment.

Dust from the feeding hopper and conveyor belts has been controlled by a series of water sprays, a special compound being used with the water to ensure efficient misting. Joints and openings in the asbestos clad buildings housing the screen and storage hoppers have been sealed, and two cyclones and a hydrostatic precipitator installed to collect the fine dust from the exhaust duct.

The installation of the dust suppression and collection equipment was finally completed by the end of July and frequent observations have shown that it continues to operate efficiently.

ENGINEERING WORKS :

Few complaints were received during the year in regard to smoke from the Engineering Works, and these came from a nearby resident and from workers in the offices situated in close proximity to the foundry.

Smoke observations were made, and although the emission of fumes from the cupolas was occasionally very marked, at no time was dark smoke, as defined in the Clean Air Act, 1956, observed.

The modern type of smoke and grit arrestors recently installed continued to work satisfactorily, and it is significant that complaints are usually received only during periods when there is little or no wind.

GAS WORKS :

A Deposit Gauge, placed so as to monitor conditions in the neighbourhood of the gas works, indicated an unusually high rate of deposit of insoluble solids in the early part of the year.

Following discussions, representatives of the South Eastern Gas Board arranged to take certain steps to alleviate the grit and dust nuisance. These included the making of considerable reductions in the stocks of coal and coke, the installation of portable water sprays, the construction of further permanent road surfaces within the stacking yard, and the installation of a dust extractor in the coke screening plant. Observations and inspections are continuing.

During the year further complaints were received in regard to offensive smells emanating from the Works. These complaints were

referred to the District Inspector of Alkali Works, but so far as is known no definite cause of this recurring nuisance has yet been established.

OFFENSIVE TRADES :

Two premises within the Borough are used for the trade of rag and bone dealer : no nuisances were reported during the year.

PET ANIMALS ACT, 1957 :

Two licences were issued in respect of the keeping of pet shops.

DISINFESTATION : (Vermin and Other Pests (excluding Rodents))

Number of houses and other premises at which				
treatments were carried out	...	...	...	145
Total number of treatments	...	...	...	243

Treatments were carried out as follows :

			<i>Premises</i>	<i>Visits for Treatment</i>
Cockroaches	...	...	47	108
Ants	...	...	31	38
Fleas	...	...	21	25
Wasps	...	...	15	21
Flies	...	...	14	26
Bugs	...	...	2	4
Miscellaneous	...	...	15	21

There was a further slight increase in the number of treatments carried out as compared with the previous year ; this is mainly due to precautionary measures being taken against cockroaches in two modern blocks of flats where serious infestations had caused some concern. In both cases the flats are centrally heated and treatment of boiler houses and heating ducts with fumers appears to be giving satisfactory results.

MOVEABLE DWELLINGS :

Three site licences were in force under the Caravan Sites and Control of Development Act, 1960, each allowing the siting of one residential caravan. No progress was made in the provision of overnight parking facilities for caravans within the central area and easy reach of the port.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951 :

One registration was in force during the year under Section 2 of the Act.

FACTORIES ACT, 1937-1948 :

In accordance with the amended procedure for the submission of prescribed particulars relating to the administration of the Factories Acts, the following tables are produced :

(1) INSPECTIONS :

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are enforced by Local Authorities.	22	2	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	144	70	3	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	10	49	1	—
Total	176	121	4	—

(2) CASES IN WHICH DEFECTS WERE FOUND AND REMEDIED :

Particulars	Number of Cases in which Defects				No. of cases in which prosecutions were instituted
	Found	Re-medied	Referred		
			To H.M. In-spector	By H.M. In-spector	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floor (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient ...	2	1	—	—	—
(b) Unsuitable or defective ...	4	2	—	—	—
(c) Not separate for sexes	1	—	—	—	—
Other Offences ...	1	—	—	—	—
TOTAL	8	3	—	—	—

(3) OUT-WORKERS :

Notifications from other Authorities were received under Section 110 of the Act in respect of two out-workers only, both engaged in the making of wearing apparel.

RODENT CONTROL :

The Rodent Operator's returns show that 2,286 visits were made to 712 separate premises during 1962 and that 175 treatments were carried out.

	Premises Visited	Total Visits	Rat Infestations Treated		Mice Infestations Treated
			Major :	Minor :	
Local Authority Properties	... 115	350	14	15	2
Dwelling Houses	... 517	1613	—	96	23
Business Premises	... 80	323	1	13	11

Under the heading "Local Authority Properties" are included not only local authority buildings and establishments but also open sites, allotment gardens, river banks, etc. and it was in such areas that the "major" rat infestations were found and treated.

Sewer rodent control followed the routine procedure of the preceding years, the spring treatment being preceded by a test baiting of the areas reported clear in the previous year, designed to check on any spread of infestation.

First Treatment :

Test Baiting—17th April to 24th April.

Treatment—14th May to 19th June.

<i>Manholes Test Baited</i>	<i>Takes</i>		<i>Manholes Baited</i>	<i>Total Manholes showing takes</i>
57	<i>C.</i>	<i>P.</i>	193	81
	7	9		

Second Treatment :

15th October to 30th October.

<i>Manholes Baited</i>	<i>Total Manholes showing takes</i>
121	46

LEGAL PROCEEDINGS :

Action was taken in respect of one property to secure a Nuisance Order under Section 94 of the Public Health Act, 1936, the owner having failed to comply with an Abatement Notice. The Court made the necessary Order and the works were duly completed.

SECTION D—HOUSING

1. INSPECTION OF DWELLING HOUSES :				
A.	(i)	Number of Dwelling houses inspected for defects (Housing or Public Health Acts)	... ..	247
	(ii)	Number of inspections in relation thereto	...	1204
	(iii)	Number unfit for human habitation	... ..	35
	(iv)	Number of otherwise defective dwelling houses		37
B.		Number of defective dwelling houses rendered fit by informal action	... ..	39
C.		Statutory action under Housing and Public Health Acts :—		
	(i)	Number of Houses in respect of which formal notices were served :—		
	(a)	Under Housing Acts	... ..	3
	(b)	Under Public Health Acts	... ..	4
	(ii)	Number of houses rendered fit during the year in consequence of formal action :—		
	(a)	Under Housing Acts :—		
		By owner	... ..	4
		By Local Authority in default	...	—
	(b)	Under Public Health Acts :—		
		By owner	... ..	6
		By Local Authority in default	...	1
	(iii)	Number of houses :—		
	(a)	in respect of which Demolition Orders were made (Section 17 (1) Housing Act, 1957)	...	4
	(b)	in respect of which Closing Orders were made (Proviso to Section 17 (1) Housing Act, 1957)	... ..	4
	(c)	in respect of which Closing Orders as to Part of Building were made (Section 18 (1) Housing Act, 1957)	... ..	11
	(d)	included in Clearance Areas	...	9
	(e)	in respect of which Declaration of Unfitness Order was made	... ..	1
	(f)	in respect of which action to acquire taken by Local Authority	... ..	1
	(g)	the subject of administrative action on 31st December, 1962	... ..	5

(iv) *Closing Orders varied or determined :*

Basement, 23 London Road : Closing Order varied to allow use of rooms for office and storage purposes.

Basement Rear Room, 22 Templar Street : Closing Order determined on completion of extensive works of repair and alteration.

9 Buckland Avenue : Closing Order determined on completion of extensive work and decoration.

75 Union Road : Closing Order determined on completion of extensive work.

5 Endeavour Place : Demolition Order substituted for Closing Order.

2. SLUM CLEARANCE : *Section 42 et seq., Housing Act, 1957*

Statistics :

(a) Families rehoused from properties in Confirmed Orders :

From " pink " properties	2
From " grey " properties	2
Total persons rehoused	11

Demolitions :

Houses unfit for human habitation	4
Houses on land acquired under Section 43 (2) of the Housing Act, 1957	1

(b) Estimated number at 31st December, 1955, of houses unfit for human habitation and included in proposals for Slum Clearance procedure

Slum Clearance procedure	177
Added by extension of areas	22
Excluded by modification of areas, etc.	27
Demolished at 31st December, 1962	136
In operative Compulsory Purchase Orders and awaiting demolition	36

Of the 36 houses awaiting demolition at 31st December, 14 were still occupied.

These statistics are in relation to the proposals submitted to the Health Committee on 13th June, 1955, under Section 1 of the Housing Repairs and Rents Act, 1954.

(c) Details of the Council's further proposals for slum clearance were requested by the Ministry of Housing and Local Government during the year and consideration was given to this complex problem. A further thirteen properties in George Street had already been declared for clearance procedure in 1961, and on 6th March, 1962, Official Representation had been made in respect of the George

Street Clearance Areas Nos. 2 and 3 comprising 46-51 (inclusive) and 1-3 (inclusive), George Street respectively. These areas were declared Clearance Areas on 27th March, 1962, and on the same date a Compulsory Purchase Order was made covering the three Clearance Areas and other adjoining properties as follows :

“ Unfit ” Houses :

1-3, 5-17 and 46-51 (all inclusive) George Street ... 22

“ Grey ” Houses :

1A, 4, 4A and 52 (Prince of Wales Public House) George Street and 1 and 2 Thrift Cottages, Shooters Hill ... 6

A Public Inquiry into the Order was held on 23rd October, 1962.

In the meantime survey had revealed 159 other dwellings as being potentially unfit and likely to require clearance procedure within the next ten years ; the period of ten years is specifically mentioned in order that the programme may be geared to take account of (1) existing rehousing commitments ; (2) the unfit houses warranting early clearance procedure ; (3) the potentially unfit houses unlikely to require action during first five years and (4) the substantial demolition and rehousing to be undertaken over and above slum clearance e.g. under town planning and the elimination of the American type prefabricated bungalows etc.

Thus, 181 dwellings were listed for consideration for slum clearance procedure in the period of ten years from 1st January, 1962, while in the first five years of the period an estimated figure of 30 properties (outside those listed in the “ slum area ” groups) is scheduled for “ individual ” action.

3. INDIVIDUAL UNFIT HOUSES :

(a) *Demolition :*

No houses were demolished under the statutory powers of Section 17 of the Housing Act, 1957.

(b) *Closing Orders :*

Twelve operative Closing Orders came into effect by the displacement of the tenants, viz.

9, 11 and 13 Buckland Avenue ;
 Hougham Lodge Farm ;
 2 Ethelbert Road ;
 75 Union Road ;
 14 Princes Street ;
 1 Tower House, Priory Hill ;
 Flat 4, 128 Snargate Street ;
 26 Victoria Dwellings ;
 Part, 1 Cherry Tree Avenue ;
 Basement, 23 London Road.

Three others, relating to 12 Princes Street and to two parts of 128 Snargate Street, came into immediate effect since the dwellings were vacant at the time of the making of the Orders.

4. RENT RESTRICTIONS :

During the year under review no use has been made of the provisions of the Rent Act, 1957 relating to rent control. The following table will illustrate the decline in the use of the powers given for rent control by the Act :

<i>Period :</i>	<i>Applications Received :</i>	
	<i>For Certificates of Disrepair :</i>	<i>For Cancellation of Certificates of Disrepair :</i>
6th July—31st December, 1957	39	—
1st January—30th June, 1958	21	6
1st July—31st December, 1958	11	5
1st January—30th June, 1959	3	3
1st July—31st December, 1959	1	1
1st January—30th June, 1960	2	—
1st July—31st December, 1960	1	—
1st January—30th June, 1961	—	2
1st July—31st December, 1961	—	—
1st January—31st December, 1962	—	—

5. REHOUSING AND OVERCROWDING :

Resulting from requests for assistance in rehousing on medical grounds etc. 26 applications were referred to the Estates Department, each together with a recommendation for priority consideration; four were on account of overcrowding.

Recommendations for rehousing outstanding from 1961	...	...	...	...	...	15	
Recommendations 1962	...	...	...	...	...	26	
							41
Rehoused	...	...	...	...	...	14	
Approved for rehousing	...	...	...	...	...	6	
No action	...	...	...	...	...	16	
Applications withdrawn etc.	...	...	...	...	...	5	
							41

Action was recommended in one case under Section 19 of the Housing Act, 1961, which empowers a direction to prevent or reduce overcrowding in houses in multiple occupation. In this case a family comprising man, wife and three children occupied two rooms on the first floor, the water supply and cooking facilities being sited in the basement, two floors below. Following the service of the Notice of Intention to give the direction in this case, the rooms were vacated and the owners undertook to install cooking and washing facilities in one of these rooms ; these works were duly completed and the notice under Section 19 withdrawn.

6. HOUSES COMPLETED OR UNDER CONSTRUCTION OR CONTRACT DURING 1962 :

The Borough Engineer has kindly supplied the following information :

(a) *Dwellings completed during 1962 :*

By Local Authority :

2 Bedroom houses	...	10		
3 Bedroom houses	...	27		
		—	37	
1 Bedroom flats (old people)			6	
			—	43

By Private Enterprise :

2 Bedroom bungalows	...	9		
3 Bedroom bungalows	...	5		
		—	14	
3 Bedroom houses	...	49		
4 Bedroom houses	...	1		
		—	50	
			—	64
			Total	107

(b) *Under construction at 31st December, 1962 :*

By Local Authority—Nil.

By Private Enterprise :

2 Bedroom bungalows	...	9		
3 Bedroom bungalows	...	5		
		—	14	
3 Bedroom houses	...	45		
4 Bedroom houses	...	1		
5 Bedroom houses	...	1	47	
			—	61

Almshouses :

1 bedroom flats	...	31	31	31
		—	—	—
			Total	92

SECTION E—INSPECTION AND SUPERVISION OF FOOD

1. MILK :

(a) *Milk and Dairies (General) Regulations, 1959 :*

Number of Premises registered as Dairies ... 6

There was no change in these registrations from the previous year.

Registered Distributors at 31st December, 1962 ... 38

Eleven registrations were effected and five cancelled during the year.

One serious offence relating to the sale of milk from an unclean milk bottle was reported during the year ; in this case flies could be seen adhering to the inner surface of the bottle while others were seen floating in the milk. Since the milk was bottled outside the area of this Authority's jurisdiction, direct proceedings for a contravention of Regulation 27 (1) of the Regulations (requiring every vessel used for containing milk to be in a thorough state of cleanliness immediately before use for the purpose) were not possible, but the nature of the offence offered the alternative of a charge under Section 2 (1) of the Food and Drugs Act, 1955, viz selling to the prejudice of the purchaser any food not of the nature demanded. Proceedings were instituted accordingly and the distributors fined £10. 10. 0. and ordered to pay costs of £3. 3. 0.

(b) *Specially Designated Milk : Milk (Special Designation) Regulations, 1960 :*

(i) *Licensing :*

At the 31st December, 1962, the following licences were in force :

Dealer's (Pasteurisers)—1 (this was in respect of the H.T.S.T. plant of the Dover and District Co-operative Society Ltd. at their Crafford Street Dairy : the average amount of milk treated daily throughout the year was 2,350 gallons).

Dealer's (Tuberculin Tested)—1 (this was in respect of Tuberculin Tested milk bottled after pasteurisation at the Crafford Street Dairy of the Dover and District Co-operative Society Ltd.).

Dealer's (Pre-packed Milk) :

Designation	Licences 31.12.61	Revoked 1962	Issued 1962	Licences 31.12.62
Pasteurised ...	41	5	12	48
Tuberculin Tested ...	34	3	5	36
Sterilised	12	1	—	11

(ii) Sampling :

Regular sampling continued throughout the year to ensure that the milk sold complied with the tests prescribed by the Regulations, the phosphatase test to ensure efficient heat treatment and the methylene blue test to judge the cleanliness in the case of pasteurised milk, and the turbidity test in the case of sterilised milk.

Dealer's (Pasteuriser's)—off Plant—Phosphatase Test	21
Round—Methylene Blue Test	21
Other Dealers	
Phosphatase Test	25
Methylene Blue Test	25
Turbidity Test	1

All the samples submitted were reported to be satisfactory and included samples submitted quarterly at the request of the County Medical Officer from the milk-in-schools-scheme.

(c) Chemical Quality :

26 samples were submitted to the Public Analyst comprising :

22 formal samples (including 1 designated “ Channel Islands ”)
in course of delivery from retailer to consumer.

4 informally submitted from the school supplies.

No sample was reported below the presumptive standards of the Sale of Milk Regulations, 1939.

The average contents reported by the Public Analyst were :

	<i>Fat</i> %	<i>Non-fatty solids</i> %	<i>Total solids</i> %
Channel Islands ...	4.20	8.88	13.08
Other Milk ...	3.71	8.65	12.36

2. FOOD ANALYSIS—OTHER THAN MILK :

76 samples of food other than milk were submitted to the Public Analyst and of these eleven were taken formally.

The following is a brief account of the action taken in respect of the samples reported to be unsatisfactory.

<i>Sample No.</i>	<i>Article</i>	<i>Report and action taken</i>
15/62 (I)	<i>Raspberry Vinegar</i>	Labelling unsatisfactory ; composition not declared accurately if article considered a drug ; if considered a food, acetic acid content should be at least 4% (content 1.5%). Formal sample taken.
21/62 (F)	<i>Raspberry Vinegar</i>	Report as above and legal proceedings ordered : proceedings not possible owing to statutory requirements.
40/62 (F)	<i>Raspberry Vinegar</i>	Report as above : Local Authority took view that article was sold as "food", that since acetic acid content was only 1.4%, article was falsely labelled "Raspberry Vinegar" in contravention of Section 6 (1) of the Food and Drugs Act, 1955. Proceedings instituted but case dismissed as the Court held that the article was sold as a "drug". Application was made for a case to be stated for the opinion of the High Court but on re-consideration no further action was taken by the local authority.
22/62 (I)	<i>Meat Rissoles</i>	Contained 60 parts per million sulphur dioxide. Formal sample taken.
28/62 (F)	<i>Meat Rissoles</i>	Contained 330 parts per million sulphur dioxide, contravening Public Health (Preservatives etc. in Food) Regulations, 1962. Vendor cautioned.
10/62 (I)	<i>Tinned Salmon</i>	Contained foreign matter, probably decomposed edible bamboo stem. Goods canned in Japan, where salmon with bamboo shoots is canned for domestic market. Importers cautioned.

<i>Sample No.</i>	<i>Article</i>	<i>Report and action taken</i>
27/62 (I)	<i>Cream Doughnuts</i>	Contaminant present, suggestive of white spirit possibly introduced from metal polish or similar article. In spite of exhaustive enquiries, not possible to ascertain where contamination was introduced.
50/62 (I)	<i>Dripping</i>	Free fatty acid 2.00% oleic acid ; odour pronounced. Producer/vendor advised : subsequent formal sample found to be satisfactory.
73/62 (I)	<i>Plum Jam</i>	Soluble solids 67% : the jam was not in an hermetically sealed container, in which case a statutory minimum of 68.5% is prescribed. Formal sample taken as follows.
79/62 (F)	<i>Plum Jam</i>	Soluble solids 59.5% ; not in hermetically sealed container. Apparently "home-made" jam and matter taken up with manufacturers from whom sample was taken direct. Further supplies withdrawn from sale and manufacturers cautioned.

The remaining samples were all reported to be satisfactory.

3. ICE CREAM :

Six samples were submitted for examination to ensure compliance with the Food Standards (Ice Cream) Regulations, 1959, and all were reported to be satisfactory. The fat contents were 7.0, 8.6, 8.9, 9.7, 10.1 and 11% respectively ; the one sample designated " Dairy Ice Cream " complied with the Regulations regarding milk fat content.

Twenty-five samples were submitted for the methylene blue test ; eleven were grade I, 4 II., 8 III, and 2 IV.

4. FOOD CONDEMNATION ; COMPLAINTS, ETC. :

The following foodstuffs were condemned on voluntary surrender and disposed of by burial at the refuse tip :

		<i>Tons</i>	<i>cwts.</i>	<i>qrs.</i>	<i>lbs.</i>
Meat, etc	...	—	7	0	17½
Tinned goods	...	3	3	2	25
Cheese	...	—	1	3	19½
Jams, etc.	...	—	6	2	1½
Bacon and ham	...	—	1	2	9¼
Fish	...	—	4	0	24½
Other Food	...	—	7	0	16¾
		4	12	1	2

The total weight shows a decrease of approximately 7 tons on the figure for 1961.

The usual varied complaints were received from the public and the following is a resume of the action taken.

Complaint :

Foreign body in Loaf

Mould in Pork Pie

Foreign body in Tinned Fruit

Ants in Sponge Roll

Report and action taken :

Probably grease from machines : manufacturers warned.

Mould on pie crust and extensive growth inside but complaint not received until 72 hours after alleged purchase.

“ Ball ” of grass in tin of gooseberries ; referred to Health Authority of place of canning for investigations ; no explanation for the presence of grass. Canning factory regularly visited. Canner cautioned.

Ant bodies found embedded in outer surface of roll under cellophane wrapping. Manufacturers contended the infestation took place at the retailer’s premises but inspection did not confirm this possibility, and evidence pointed to infestation at place of manufacture ; Public Analyst tested sponge roll complained of but unfortunately was unable to confirm time of infestation. In view of lack of confirming opinion no further action possible.

Complaint :
Foreign body in Tinned Fruit

Report and action taken :
Again complaint referred to tin of gooseberries. Foreign bodies comprised two lumps of dark green vegetable matter, almost certainly a tightly screwed up gooseberry leaf. No further action.

Foreign bodies in Meat Pies

Four small dark objects alleged to be rodent faeces. On investigation found to be small particles of dried blood. No further action.

Mould in Loaf

Loaf alleged to have been purchased only 24 hours previously. Coding inexplicably absent from wrapper but manufacturer suggested confusion with earlier bread purchase. No supporting evidence either way and no further action possible.

Maggot infested Bacon

Two half pound packets of bacon both unfit for human consumption by reason of maggot infestation ; had been in possession of purchaser some twenty four hours. Alleged that this bacon had been replacement for some already returned to vendor by reason of maggot infestation ; vendor admitted replacement but stated that it was on account of the colour of the bacon and not because of smell or infestation. Bacon storage and stocks satisfactory ; no evidence of flies in store or shop and electrical vaporiser in use. Local Authority decided that no further action be taken.

Chocolate Coconut Ice

Alleged to be rancid. On visiting place of purchase found that all stocks had been withdrawn. Total stock (56lbs.) accepted for destruction on voluntary surrender.

*Complaint :
Mould in Pork Pie*

Report and action taken :

Purchased some 48 hours previously, the pie showed considerable mould growth on the internal surface of its pastry. Coding on pie wrapper showed that pie should have been sold at the latest 24 hours prior to the actual sale. Atmospheric conditions after sale however were not favourable to mould growth. No pathogenic organisms were found on laboratory examination. In view of the manufacturing company's own efforts to ensure freshness of their products on sale, their strict coding practice which limited the "sale life" of the products and the other circumstances reported in this case, the Local Authority decided that statutory action was not warranted in this instance.

5. FOOD PREMISES :

(a) *Number and type as at 31st December, 1962 :*

Bakers	...	...	...	...	17
Butchers	...	...	...	...	30
Cooked Meats	...	...	...	...	5
Restaurants and Cafes	...	...	...	...	52
Grocers and Confectioners	...	...	...	...	130
Fishmongers and Fishfryers	...	...	...	...	24
Fruiters and Greengrocers	...	...	...	...	29
Hotels and Public Houses	...	...	...	...	99
Wholesale Grocers	...	...	...	...	2
					388

(b) *Premises registered under Section 16, Food and Drugs Act, 1955 :*

Purpose for which Registered	at 31st December, 1961	Registered 1962	Cancelled 1962	as at 31st December, 1962
For the manufacture of ice cream ...	3	—	—	3
For the sale and storage of ice cream ...	132	7	10	129
For the preparation, etc. of preserved food	54	2	3	53

(c) *Food Hygiene (General) Regulations, 1960 :*

Detailed inspection in connection with these Regulations was made at 240 premises, a total of 578 visits being made for the purpose. An additional 515 visits were made to food premises in connection with food sampling, condemnation, etc.

Following the survey of properties in connection with food hygiene requirements the following measures were carried out :

Premises redecorated	8
Protective screening of food	3
Improvement to Sanitary and/or toilet accommodation	9
Repair, and alteration of shop fittings and premises	4
Accumulation removed	1
General cleansing	1
Provision of dustbin	1
Provision of sink	1
Provision of adequate clothing storage	1

Smoking in foodshops still presents a serious problem and several warnings were necessary during the year ; these were apparently sufficient deterrent as in only one instance was further action necessary. In this particular case the Local Authority ordered statutory proceedings but due to circumstances outside the control of all concerned these had to be withdrawn.

6. FOOD AND DRUGS ACT, 1955 :

Administration :

No prosecutions were taken during the year other than that reported under Paragraph 1 (a) of this Section.

One offence under Section 105 of the Act was reported, relating to a refusal by a dairyman to sell a pint of milk when requested to do so by the Sampling Officer. The facts were reported to the local authority who instructed that the offender be suitably and severely cautioned.

7. FOOD POISONING :

There were no confirmed cases of food poisoning during the year.

One case of salmonella typhi-murium infection, not considered food borne, was reported.

SECTION F
PREVALENCE AND CONTROL
OF INFECTIOUS DISEASE

INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS)
NOTIFIED IN 1962 BY AGE GROUPS—CORRECTED

Age Groups				Scarlet Fever	Whooping Cough	Measles	Dysentery	Meningococcal Infection	Acute Pneumonia	Erysipelas	Puerperal Pyrexia
Age Unknown	...	...	...	—	—	11	—	—	—	—	—
Under 1 year	...	...	...	—	2	16	—	—	—	—	—
1 year	...	...	...	—	3	48	1	—	1	—	—
2 years	...	...	...	—	4	65	1	—	2	—	—
3 years	...	...	...	1	3	58	—	—	—	—	—
4 years	...	...	...	—	1	59	1	—	—	—	—
5—9 years	...	...	...	3	2	183	2	—	—	—	—
10—14 years	...	...	...	—	1	3	—	—	—	—	—
15—19 years	...	...	...	1	—	2	—	—	1	1	—
20—34 years	...	...	...	—	—	—	—	—	2	1	2
35—44 years	...	...	...	—	—	1	—	1	1	1	—
45—64 years	...	...	...	—	—	—	1	—	4	1	—
65 years and upwards	...	...	...	—	—	—	—	—	5	3	—
TOTAL				5	16	446	6	1	16	7	2
Cases admitted to Hospital				1	1	5	1	1	1	2	2

WARD DISTRIBUTION OF NOTIFIED CASES—CORRECTED

Diseases	Barton	Castle	Hougham	River	St. Bart's	Town and Pier	Total Cases
Scarlet Fever ...	—	—	2	3	—	—	5
Whooping Cough ...	1	—	2	8	—	5	16
Measles	4	40	168	93	76	65	446
Dysentery	—	—	1	5	—	—	6
Meningococcal Infection	—	—	—	1	—	—	1
Acute Pnuemonia ...	1	2	—	9	2	2	16
Erysipelas	1	1	1	4	—	—	7
Puerperal Pyrexia ...	—	1	1	—	—	—	2
TOTAL	7	44	175	123	78	72	499

INFECTIOUS AND OTHER NOTIFIABLE DISEASES (CORRECTED) IN RELATION TO SEASON—1962

(Comparative figures for 1961 in italics)

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
Scarlet Fever	— 2	2 <i>1</i>	— —	1 —	1 —	— —	— 2	— 2	1 —	— <i>1</i>	— <i>1</i>	— —	5 <i>9</i>
Whooping Cough	2 <i>26</i>	5 <i>25</i>	2 <i>11</i>	— <i>7</i>	— <i>7</i>	— <i>11</i>	1 <i>19</i>	2 <i>6</i>	— <i>7</i>	1 <i>3</i>	— <i>1</i>	3 <i>7</i>	16 <i>130</i>
Measles	9 <i>2</i>	33 <i>5</i>	172 <i>14</i>	184 <i>87</i>	33 <i>169</i>	8 <i>107</i>	1 <i>57</i>	— <i>39</i>	— <i>13</i>	2 <i>3</i>	1 —	3 <i>3</i>	446 <i>499</i>
Dysentery	— <i>1</i>	— <i>1</i>	— —	— —	5 <i>1</i>	— —	— —	— —	1 —	— —	— —	— —	6 <i>3</i>
Pneumonia	— <i>3</i>	1 <i>12</i>	3 <i>5</i>	2 <i>1</i>	— <i>2</i>	1 <i>2</i>	1 <i>2</i>	1 <i>2</i>	— —	— <i>3</i>	5 —	2 <i>5</i>	16 <i>37</i>
Acute Encephalitis (Post Infectious)	— —	— <i>1</i>	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— <i>1</i>
Meningococcal Infection	— —	— —	— —	— —	— —	— —	— —	— —	1 —	— —	— —	— —	1 —
Erysipelas	2 —	1 —	1 —	— —	— <i>1</i>	2 —	— —	— <i>1</i>	— —	— <i>1</i>	1 —	— —	7 <i>3</i>
Food Poisoning	— —	— —	— —	— <i>1</i>	— <i>1</i>	— —	— —	— —	— —	— —	— —	— —	— <i>2</i>
Puerperal Pyrexia	— —	— —	— —	— —	— —	1 —	1 —	— —	— —	— —	— —	— —	2 —
TOTAL	13 <i>34</i>	42 <i>45</i>	178 <i>30</i>	187 <i>96</i>	39 <i>181</i>	12 <i>120</i>	4 <i>80</i>	3 <i>50</i>	3 <i>20</i>	3 <i>11</i>	7 <i>2</i>	8 <i>15</i>	499 <i>684</i>

DISINFECTION :

Disinfection is offered as a routine service of the Department in all instances warranted by the occurrence of infectious disease, the admission of tuberculous persons to sanatorias, etc. By arrangement with the Hospital Authorities, bedding and clothing are subjected to steam disinfection at the Buckland Hospital plant. The collection and destruction of soiled and unwanted bedding is also undertaken on request.

During the year 28 rooms were disinfected while 17 visits were made to Buckland Hospital for the purposes of disinfection. 273 books from the Public Library, and 23 from private libraries, schools, etc. were formalin treated. Twelve mattresses, six blankets and various parcels of bedclothes and other effects were destroyed.

IMMUNISATION AND VACCINATION :

These all-important services continued throughout the year under the administration of the County Medical Officer by whose courtesy the following statistics are made available :

1. *Poliomyelitis Vaccination :*

Vaccination figures for 1962 based on the returns submitted to the Ministry of Health.

- (A)—Two injections (Salk)
- (B)—Third dose (Salk and Oral)
- (C)—Fourth dose (Salk and Oral)
- (D)—Three Orals (complete course)

Year of Birth	(A)	(B)	(C)	(D)
1962	—	2	—	54
1961	6	125	—	241
1957-1960	80	329	—	44
1943-1956	19	236	231	44
1933-1942	32	204	—	32
Others	40	553	—	44
TOTAL	177	1449	231	459

2. *Diphtheria and Whooping Cough Immunisation :*

Year of Birth	Diphtheria Immunisation (Single or in combination)		Whooping Cough Immunisation (Single or in combination)
	Primary	Re-inforcing	
1962	221	—	221
1961	270	3	269
1960	15	25	13
1959	6	9	5
1958	4	27	3
1953-57	5	175	4
1948-52	1	8	1
Total	522	247	516

3. *Smallpox Vaccination :*

Age at Date of Vaccination	Number Vaccinated	Number Re-vaccinated
Under 1 year	445	—
1 year	55	3
2-4 years	96	34
5-14 years	399	395
15 or more	619	1350
Total	1614	1782

TUBERCULOSIS

ANNUAL STATEMENT OF CASES OF TUBERCULOSIS

	Pulmonary		Non-Pulmonary	
	Males	Females	Males	Females
(a) Number of cases of Tuberculosis on Register as at 1st January, 1962	140	105	29	28
(b) Number of cases notified under Regulations of 1952 for first time during year ...	11	12	4	—
(c) Other additions, transfers etc.	3	3	—	1
(d) Cases removed from Register during year, including recoveries or deaths (excluding deaths of un-notified cases) ...	37	25	2	4
(e) Cases on Register at end of 1962	117	95	31	25

Death of un-notified cases : Nil

ANALYSIS OF NEW CASES NOTIFIED IN 1962

Age Periods	New Cases			
	Pulmonary		Non-Pulmonary	
	Males	Females	Males	Females
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	1	2	—	—
25—	3	8	1	—
45—	5	2	3	—
65 & over	2	—	—	—
Age unknown	—	—	—	—
Total	11	12	4	—

STATEMENT OF NOTIFICATIONS AND MORTALITY
FROM TUBERCULOSIS 1950-1962
(Rates per 1,000 population)

Year	Respiratory				Other Forms				All Forms			
	Noti- fied	Rate	Deaths		Noti- fied	Rate	Deaths		Noti- fied	Rate	Deaths	
			Total	Rate			Total	Rate			Total	Rate
1950	34	1.00	14	0.41	6	0.18	1	0.03	40	1.18	15	0.44
1951	29	0.825	7	0.20	2	0.06	2	0.06	31	0.885	9	0.26
1952	34	1.01	7	0.21	5	0.15	1	0.03	39	1.16	8	0.24
1953	32	0.92	4	0.12	1	0.03	—	—	33	0.95	4	0.12
1954	50	1.45	6	0.17	10	0.29	1	0.03	60	1.74	7	0.20
1955	27	0.78	7	0.20	2	0.06	—	—	29	0.84	7	0.20
1956	36	1.02	4	0.11	4	0.12	1	0.03	40	1.13	5	0.14
1957	42	1.19	1	0.03	2	0.06	—	—	44	1.25	1	0.03
1958	25	0.71	1	0.03	2	0.06	—	—	27	0.77	1	0.03
1959	29	0.84	1	0.03	7	0.20	—	—	36	1.04	1	0.03
1960	22	0.63	1	0.03	2	0.06	—	—	24	0.69	1	0.03
1961	10	0.28	2	0.057	4	0.114	—	—	14	0.398	2	0.057
1962	23	0.645	2	0.056	4	0.11	—	—	27	0.76	2	0.056

ANALYSIS OF REASONS FOR REMOVAL OF CASE-NAMES FROM REGISTER

Reason for Removal from Register	Pulmonary		Non-Pulmonary	
	Males	Females	Males	Females
Died	5	1	—	1
Recovered	30	21	2	2
Removed from Area	2	3	—	1

Of the seven registered cases who died during the year, in respect of two only was the immediate cause of death attributed to tuberculosis.

GENERAL :

No statutory action was necessary in regard to any tuberculous patient during the year.

MASS RADIOGRAPHY :

In November and December and with the full co-operation of the Council, two mobile X-Ray units under the control of Dr. G. I. Rees-Jones, M.R.C.S., L.R.C.P., Medical Director of the Mass Radiography Service, carried out a public and industrial survey at centres within the Borough while visits were made to schools having pupils of 15 years of age and over. Additional publicity measures were undertaken with a view to persuading groups “at special risk” to attend for examination—particularly, hairdressers, barmen, ticket collectors, bus conductors, food handlers, etc.

I have since received from Dr. Rees-Jones the following figures relating to the number of chest examinations carried out and the aggregate results :

Category	Males	Females	Total	Attending Mass Radio- graphy for first time		
				Males	Females	Total
Public	2116	2541	4657	612	762	1374
Industrial and Special Groups	1344	331	1675	522	119	641
Schools & Colleges :						
Pupils	434	189	623	—	—	—
Staff	27	22	49	—	—	—
TOTAL	3921	3083	7004	1134	881	2015

Category	Males	Females	Total
Active Tuberculosis	—	1	1
Inactive Tuberculosis	28	12	40
Lung Cancer ...	2	1	3

SECTION G. METEOROLOGICAL CONDITIONS

The following detailed information regarding the Meteorological conditions at Dover during 1962 has been furnished by the Borough Surveyor.

Month	Rainfall in Inches	Temperature				Sunshine		Mean Humidity
		Highest Maximum	Lowest Minimum	Mean Maximum	Mean Minimum	Monthly Aggregate	Daily Mean	
January	...	55°F.	23°F.	46.3°F.	37.7°F.	65.8 hrs.	2.1 hrs.	82%
February	...	55	27	44.9	36.5	78.5	2.8	76
March	...	50	27	43.0	34.2	148.3	4.8	77
April	...	61	37	51.0	42.3	135.6	4.5	75
May	...	60	36	54.8	45.6	165.8	5.3	83
June	...	68	36	62.4	50.3	271.3	9.0	71
July	...	73	47	64.9	54.9	171.6	5.5	76
August	...	74	49	66.4	56.1	204.8	6.6	74
September	...	70	43	63.9	52.8	163.8	5.4	75
October	...	67	39	59.9	49.3	152.5	4.9	81
November	...	57	30	48.4	41.1	39.7	1.2	82
December	...	56	25	43.2	33.6	104.8	3.4	80
Year	Total or Mean	74°F.	23°F.	54.0°F.	44.5°F.	1702.5 hrs.	4.6 hrs.	77%
Comparative Figures 1961	Total or Mean	84°F.	27°F.	57.3°F.	47.0°F.	1737.3 hrs.	4.6 hrs.	77%



DOVER PORT HEALTH AUTHORITY

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year 1962

C. F. LYNCH, M.B., B.CH., B.A.O., D.P.H.,
Medical Officer of Health

HEALTH DEPARTMENT,
BROOK HOUSE,
DOVER.

HEALTH DEPARTMENT,
BROOK HOUSE,
DOVER.

To : *The Mayor, Aldermen and Councillors of the Borough of Dover acting
as the Port Health Authority of the Port of Dover.*

Ladies and Gentlemen,

I have the honour to present the Annual Report on the work of the Port Health Authority for the year 1962.

Statistics of shipping entering the Port and of passenger traffic during the year show a further increase and illustrate the present trend in the work of the Port Health Department generally.

Much additional work was required in preparation for the Commonwealth Immigrants Act, 1962, which came into operation on 1st July. Details of activities subsequently involved are included at the end of the Section of the Report dealing with Aliens Medical Inspection.

The occurrence of smallpox in the Country earlier in the year also added considerably to the work of the Department, requiring extra vigilance over arrivals from infected areas and the discharge of other commitments which included frequent assistance to intending travellers in connection with vaccination requirements abroad.

Twenty-seven cases of infectious disease involving twenty-seven ships were dealt with on arrival. Sanitary conditions on board were satisfactory as was the case generally in practically all vessels inspected during the year.

In a few instances however samples of water from ships tanks showed evidence of contamination. This was speedily remedied and subsequent samples proved satisfactory.

More than 1,000 cargoes amounting to 67,883 tons of foodstuffs were dealt with under the Public Health (Imported Food) Regulations during the year. Approximately 2½ tons consisting of fruit and vegetables were condemned as unfit for human consumption, while 28 samples of various imported foodstuffs were submitted to the Public Analyst.

I have to thank H.M. Customs and Immigration Authorities and all other Departments associated with the work of the Port Health Authority for their co-operation and assistance throughout the year.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

C. F. LYNCH,
Medical Officer of Health.

15th February, 1963.

SECTION I—STAFF

TABLE A

The following changes occurred during the year :

1. *Deputy Medical Officer of Health and Medical Inspector of Aliens.*

Dr. F. O. J. Shaw, M.R.C.S., L.R.C.P., resigned with effect from 31st May.

Dr. J. A. Byrne, M.B., B.Ch., B.A.O., D.P.H., D.T.M. & H., appointed with effect from 9th July, 1962.

2. *Port Health and Food Inspector.*

Mr. R. H. Cuff—obtained additional qualifications—Diploma for Inspectors of Meat and Other Foods (Royal Society of Health).

Address of Medical Officer of Health :

BROOK HOUSE,

DOVER.

Telephone Number : DOVER 2184/7.

SECTION II. AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR.

TABLE B.

Ships from	Number	Tonnage	Number Inspected		Number of Ships reported as having, or having had during the voyage, infectious disease on board
			By the Medical Officer of Health	By the Public Health Inspector	
Foreign Ports ...	5,844	6,906,057	24	101	25
Coastwise ...	610	308,994	2	15	2
Total ...	6,454	7,215,051	*26	116	27

* Excluding vessels from cross-channel ports.

SECTION III. CHARACTER OF SHIPPING AND TRADE DURING THE YEAR

TABLE C

PASSENGER TRAFFIC	...	...	...	Number of Passengers INWARDS	1,529,430
				Number of Passengers OUTWARDS	1,513,567
CARGO TRAFFIC	...	...	...	Principal IMPORTS	General merchandise, wines, foodstuffs, coal and timber.
				Principal EXPORTS	Cars and general merchandise.
PRINCIPAL PORTS from which Ships arrive	...	...	...	South and West African ;	South American ; European ; Iberian ; Scandinavian and Baltic.

SECTION IV—INLAND BARGE TRAFFIC

NIL

SECTION V—WATER SUPPLY

NO CHANGE

25 samples were submitted by the Department during the year for bacteriological examination, 5 from hydrants, 5 from the dock area and 15 from ships. Those from the hydrants and the dock area were all reported to be highly satisfactory, but of those taken from the ships two were reported to be grossly contaminated and three showed evidence of slight contamination. In the case of the unsatisfactory samples immediate action was taken for the emptying and cleansing of the ships' water tanks and distribution systems : four of these samples were from vessels that had taken on water at Teneriffe and consequently all vessels which had watered there were investigated.

SECTION VI

PUBLIC HEALTH (SHIPS) REGULATIONS, 1952

NO CHANGE

SECTION VII—SMALLPOX

1. *Name of Isolation Hospital to which smallpox cases are sent from the district :*

The River Hospitals,
(Long Reach),
DARTFORD,
Kent.

2. *Arrangements for transport of such cases to that hospital by ambulance, giving the name of the authority responsible for the ambulance and the vaccinal state of the ambulance crews :*

Ambulance of Canterbury City Council available on request.
Special ambulance crew provided by the same Authority.

3. *Name of smallpox consultant available :*

Medical Officer,
The River Hospitals,
(Long Reach),
DARTFORD,
Kent.

4. *Facilities for laboratory diagnosis for smallpox :*

Central Public Health Laboratory,
Colindale Avenue,
Colindale,
LONDON, N.W.9.

SECTION VIII

VENEREAL DISEASE

Special Clinic, Royal Victoria Hospital, Dover.

Tuesday and Thursday—9.30 to 10.30 a.m.

(Except 3rd Thursday in month).

Patients from high seas dealt with for first time at the Clinic during the year : Syphilis—1 ; Gonorrhoea—12 ; Other conditions—15.

SECTION IX—CASES OF NOTIFIABLE AND INFECTIOUS DISEASES ON SHIPS, 1962

TABLE D

Category	Disease	Number of Cases during the year :		Number of Ships concerned
		Passengers	Crew	
Cases landed from ships from Foreign Ports	Influenza	—	2	2
	Dysentery	1	—	1
	Measles	3	—	3
	Tonsillitis	—	1	1
	Gastro-enteritis	4	1	5
	Typhoid Fever	—	1	1
	Mumps	2	—	2
	Chicken Pox	4	—	4
	German Measles	2	—	2
	Epidemic Nausea & Vomiting	1	—	1
	Obs. Dysentery	1	—	1
	Malaria	—	1	1
	Ac. Laryngitis	1	—	1
Cases which have occurred on ships from foreign ports but have been disposed of before arrival	Nil	Nil	Nil	Nil
Cases landed from other ships	Erysipelas	—	1	1
	Influenza	—	1	1

SECTION X—OBSERVATIONS ON THE OCCURRENCE OF MALARIA IN SHIPS

One case of malaria, in a crew member of a Polish vessel from West Africa, was reported during the year ; the patient had been admitted to hospital as an observation pyelitis.

SECTION XI—MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE

No measures were necessary during 1962.

In the event of finding plague-infected rats, vessels would be boomed off and fumigation of all compartments carried out with H.C.N.

SECTION XII—MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS

1. Procedure for inspection of ships for rats :

Trade of port consists chiefly of cross-channel traffic, vessels of which are subjected to half-yearly routine inspections in connection with the issue of the necessary certificates under Regulation 19 of the Public Health (Ships) Regulations, 1952.

Additionally, any evidence of the presence of rodents on board occurring in the interval would be immediately reported by the British Railways Authority.

Other vessels entering the port are subjected to routine inspection by the Port Health Inspectors.

Port of Dover approved and designated for the issue of both Deratting and Deratting Exemption Certificates under Regulation 19 of the Public Health (Ships) Regulations, 1952.

2. Arrangements for the bacteriological or pathological examination of rodents, with special reference to rodent plague including the number of rodents sent for examination during the year :

Although no action was necessary during 1962, any rats found on ships would be sent for necessary examination to the Public Health Laboratory at Maidstone.

3. *Arrangements in the district for deratting ships, the methods used, and, if done by a commercial contractor, the name of the contractor :*

Deratting carried out by contractor, viz. Fumigation Services, Limited, Barking, Essex, using Hydrogen Cyanide gas under direction of Port Health Inspectors.

Minor infestations are dealt with by the Local Authority's Rodent Operator using Warfarin mainly.

4. *Progress in the rat-proofing of ships :*

No active measures requested during 1962. With regard to the cross-channel vessels, rat proofing of store-rooms effectively maintained. Any deficiencies found in these or other vessels would be brought to the attention of masters and owners.

TABLE E

RODENTS DESTROYED DURING THE YEAR IN SHIPS FROM FOREIGN PORTS

Category				Number
Black rats	...	...	...	—
Brown rats	...	...	...	—
Species not known		...	...	—
Sent for examination		...	...	—
Infected with plague		...	...	—

During the year the presence of rats on board ship was not reported by any arriving vessel nor discovered during the routine inspection carried out.

TABLE F
DERATTING CERTIFICATES AND DERATTING EXEMPTION CERTIFICATES ISSUED DURING THE YEAR
FOR SHIPS FROM FOREIGN PORTS

No. of Deratting Certificates issued		Number of Deratting Exemption Certificates issued			Total Certificates issued
H.C.N. 1.	After fumigation with 2. Other fumigant (state method)	After trapping 3.	After Poisoning 4.	Total 5.	6. 7.
—	—	—	—	—	32

SECTION XIII. INSPECTION OF SHIPS FOR NUISANCES
TABLE G
INSPECTIONS AND NOTICES

Nature and number of Inspections (including re-inspections)		Notices served		Result of Serving Notices
		Statutory Notices	Other Notices	
BRITISH VESSELS	... 54	—	—	—
FOREIGN VESSELS	... 69	—	—	—
TOTAL	... 123	—	—	—

No actual notices were served during the year under review, but the following action was necessary :

A cockroach infestation on one British vessel was successfully treated.

SECTION XIV
PUBLIC HEALTH (SHELL-FISH) REGULATIONS
1934 and 1948

NO CHANGE

SECTION XV—MEDICAL INSPECTION OF ALIENS
(Applicable only to ports approved for the landing of Aliens)

1. *List of Medical Inspectors holding Warrants of Appointment (at 31.12.62) :*

Medical Officer of Health
Deputy Medical Officer of Health
Dr. P. H. Garrard
Drs. A. K. Thomas and D. C. Millar
Dr. J. J. Hughes

2. *List of other staff engaged during the year :*

Mrs V. M. Craft, S.R.N.	...	...	...	Aliens Nurse
Miss A. E. Knott, S.R.N.	...	...	...	Relief Nurse
Mrs. F. M. Lamoon	...	...	...	Relief Nurse
Mrs. G. Nicholl, S.R.N.	...	...	...	Relief Nurse
Miss D. Tapley, S.R.N.	...	...	...	Relief Nurse
Mrs. M. Underdown	...	...	...	Relief Nurse
Miss M. Wells-Smith, S.R.N.	...	...	...	Relief Nurse

3. *Organisation of work :*
No change.

4. *Nature and amount of Aliens Traffic :*

Number of aliens arriving at the port and dealt with by the Medical Inspector :

Year	Total Aliens	Medically Examined	Percentage of Total Medically Examined
1960	359,598	11,156	3.10
1961	374,708	11,804	3.15
1962	401,943	11,319	2.81

Categories in which aliens were examined :

1. Holding Ministry of Labour Permits	...	10,229
2. Intending to make their home in the United Kingdom	... ..	886
3. Visitors	... ..	201
4. Business Visitors	... ..	1
5. Returning Residents	... ..	1
6. Aliens in Transit	... ..	1
7. Others	... ..	—
		11,319

The Certificates issued to the Immigration Officer numbered 132, 23 of the aliens concerned being refused permission to land.

The rate of certificates issued in respect of aliens examined was 1.166% compared with 0.864% for the year 1961.

TABLE 1

NATIONALITIES EXAMINED AND CERTIFICATES ISSUED

Nationality	Males	Females	Child- ren	Total	No.of Certi- ficates
France	69	142	1	212	4
Belgium	16	26	—	42	6
Holland	10	43	—	53	3
Luxembourg	—	3	—	3	—
Germany	429	1,979	2	2,410	13
Switzerland	58	121	2	181	2
Italy	1,661	735	77	2,473	17
Spain : Portugal	1,436	3,446	6	4,888	13
Austria	73	477	1	551	3
Greece	60	117	2	179	23
Mid-European States	13	129	5	147	8
Baltic States	9	32	—	41	1
Turkey	28	13	4	45	16
Egypt : Sudan	4	1	—	5	3
Middle Eastern States	20	17	3	40	13
North African States	4	—	1	5	2
South Africa	2	4	—	6	—
Ethiopia	—	1	—	1	—
North America	4	6	—	10	4
South America, etc.	2	3	—	5	—
Asiatic States	5	4	—	9	—
Stateless	8	5	—	13	1
TOTALS ...	3,911	7,304	104	11,319	132

TABLE 2
MEDICAL INSPECTION OF ALIENS

	Total	Number subjected to detailed examination by the Medical Inspector	Certificates Issued			
			Unsound mind or mentally defective (A)	Undesir- able for medical reasons (B)1	Inability to support and/or likely to require medical treatment (B)2	Condi- tionally landed for further medical examination (C)
(a) Total number of Aliens landing at the Port	401,007	11,296	—	2	107	—
(b) Aliens refused permission to land by Immigration Officer	936	23	4	7	12	—
Total Aliens arriving	401,943	11,319	4	9	119	—

Number of Vessels attended by the Medical Inspector : 1449 (including 64 attended by two or more Medical Inspectors)

TABLE 3
MONTHLY FIGURES OF ALIENS MEDICALLY EXAMINED

Month	Marine Station	Ferry Dock	Eastern Docks	Total	Certificates
January	911	26	1	938	14
February	771	33	3	807	8
March	1,074	37	32	1,143	10
April	1,298	94	22	1,414	13
May	1,153	103	8	1,264	11
June	863	75	11	949	7
July	870	52	14	936	16
August	648	42	12	702	11
September	847	63	16	926	8
October	869	44	9	922	11
November	699	40	8	747	12
December	543	26	2	571	11
TOTAL	10,546	635	138	11,319	132

5. *Accommodation for medical inspection and examination :*

NO CHANGE

SECTION XV (A)—COMMONWEALTH IMMIGRANTS

In accordance with Ministry of Health letter, reference I.F.(A) 93004/3/ID, dated 14th November, 1962, the following information regarding the medical examination of immigrants under the terms of the Commonwealth Immigrants Act, 1962, (for the period 1st July—31st December, 1962) is included :

1 & 2. *Medical and Other Staff Engaged :* as for the medical examination of aliens ; one relief Medical Inspector engaged on a regular part-time basis since 1st July, 1962.

3. *Organisation of Work :*

Essentially the same as for the examination of aliens except that Commonwealth examinations are carried out on board ship from time to time when their numbers warrant it and pending the provision of additional accommodation by alteration and extension of the existing Medical Inspection Room at Dover Marine.

4. *Nature and amount of Commonwealth Traffic :*

(a) Arriving Commonwealth Citizens	...	...	41,183
Medically Examined	...	...	369
% age of total medically examined	...	...	0.896%
Reports issued	...	...	9

(b) *Particulars of Reports issued :*

Nature of Report	No. of Reports	Refused Entry
A. Suffering from mental disorder ...	1	1
B. (1) Undesirable for medical reasons	—	—
B. (2) Likely to require major medical treatment	8	1
	9	2

(c) *Nationalities Examined :*

	Males	Females	Children	Total
Cyprus	85	42	3	130
Pakistan	14	3	—	17
Mauritius	10	—	—	10
Australia	17	15	—	32
Ghana	3	—	—	3
Canada	4	4	—	8
Malaya	3	1	—	4
Southern Rhodesia ...	—	2	—	2
India	57	7	4	68
West Indies	6	5	—	11
Fiji	1	—	—	1
Nigeria	58	15	—	73
Sierra Leone	1	—	—	1
New Zealand	3	2	—	5
Hong Kong	2	—	—	2
Malta	1	—	—	1
Kenya	—	1	—	1
TOTAL ...	265	97	7	369

(d) *Monthly Figures of Immigrants Medically Examined :*

	Marine Station	Ferry Dock	Eastern Docks
July	18	1	—
August	4	—	1
September	32	3	3
October	127	17	1
November	95	1	—
December	59	6	1
TOTAL ...	335	28	6

5. *Accommodation for medical inspection and examination :*

As for Aliens viz. :

Dover Marine—2 rooms with provision made for extension.

Eastern Dock—2 rooms.

Ferry Dock—1 room and one ante-room.

SECTION XVI.—MISCELLANEOUS

(Arrangements for burial on shore of persons who have died from infectious disease)

NO CHANGE

SECTION XVII—FOOD INSPECTION

- (1) Action taken under the Public Health (Imported Food) Regulations, 1937, the Public Health (Imported Milk) Regulations, 1926, and the Public Health (Preservatives in Food Regulations, 1958.)
1056 Cargoes comprising 67,883 tons 9 cwt. of various foodstuffs were examined during the year.

Country of Origin	Article and weight (tons. cwt.) of foodstuffs inspected								
	Fruit	Vegetables	Tinned Fruit	Fish	Frozen Vegetables	Frozen Fruit	Fruit Juice	Preserves	Confectionery
Spain ...	25184	2	555	12	—	—	—	—	—
Italy ...	5463	2	—	—	3	—	—	—	95
Belgium	200	16	—	—	0	—	—	—	19
France ...	263	5	—	—	682	—	—	—	—
Turkey	752	4	—	—	11½	8	15	—	—
Morocco	148	8	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—	77
Yugoslavia	40	15	—	—	—	—	—	—	1
Lebanon	—	—	—	—	—	—	—	—	—
Canary Islands	12330	19	—	—	—	—	—	—	—
Holland	52	6	—	—	—	—	—	—	—
Algeria	61	1	—	—	—	—	—	—	—
Israel ...	3454	3	—	—	—	—	—	—	—
Hungary	—	—	—	—	—	—	—	—	2
Greece	540	0	—	—	—	—	—	—	0
Germany	—	—	—	—	—	—	—	—	1½

Foodstuffs condemned during the year :

			<i>Tons</i>	<i>Cwts</i>	<i>Qtrs.</i>	<i>lbs.</i>
Italy	(<i>Peaches</i>)	...	—	—	—	24
Spain	(<i>Apricots</i>)	...	1	1	0	24
	(<i>Potatoes</i>)	...	—	14	0	0
Canary Islands	(<i>Potatoes</i>)	...	—	8	2	0
	(<i>Tomatoes</i>)	...	—	—	1	11
Morocco	(<i>Potatoes</i>)	...	—	6	0	0
			2	10	1	3

2. *Public Health (Imported Food) Regulations, 1937 ; Articles 11 and 12 :*

Overseas Meat and Meat Products :

No action was necessary during 1962.

3. *Number of Samples of Food examined by :*

(a) *Bacteriologist* : Nil.

(b) *Public Analyst* : 28.

Chocolate (Hungary) : Three samples all regarded as satisfactory ; free from arsenic and sulphite preservative and toxic metals present in only insignificant amounts.

Apple Juice (Switzerland) : Free from arsenic and significant amounts of toxic metals ; sulphite preservative 160 parts per million.

Canned Fruit (Spain) : Four samples all regarded as satisfactory ; all free from toxic metals and sulphite preservative. One sample contained cherries treated with artificial colouring but the presence of non-permitted colouring matters was not confirmed.

Cherry Liqueurs (Italy) : Free from arsenic, toxic metals and sulphite preservative ; presence of prohibited colours not confirmed. Labelling open to criticism as liqueurs non-alcoholic.

Chocolate Liqueurs (Switzerland) : Free from arsenic, toxic metals and sulphite preservative ; alcohol present in substantial quantity.

Chocolates (Switzerland) : Free from arsenic, toxic metals and sulphite preservative.

Tomatoes (Spain) : Normal odour and taste ; spray residue powdered sulphur.

Sugared Almonds ; Candied Chestnut Paste ; Coffee ; Fruit in Mustard Flavoured Syrup ; Cocktail Cherries ; Chocolate ; Caramels (Italy) : All seven samples free from arsenic, toxic metals and sulphite preservative ; presence of prohibited colours not confirmed.

Panettone Cake (Italy), Boxed Dates (Algeria), Boxed Dates (Belgium) : All free from arsenic, toxic metals and preservatives.

Boxed Apricots (Belgium) : Free from arsenic, and toxic metals ; sulphur dioxide content 2,000 parts per million, the permitted maximum.

Chocolate Easter Eggs (Switzerland) : Free from arsenic,, sulphite preservative and significant amount of toxic metals.

“ Marron Glaces ” and “ Maresca ” Chocolate (Italy) : Both samples free from arsenic, toxic metals and sulphite preservative.

Cirano Drink Liquore (Italy) : Free from arsenic and toxic metals. Alcohol present. Sulphur dioxide content 500 parts per million, which is excessive. Consignees advised and undertaking received as to future supplies. Health Authority at place of destination of consignment advised.

Figs (Turkey) : A clean sample free from arsenic and toxic metals ; sulphur dioxide content 100 parts per million, the maximum permitted.

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